

## PATENT COOPERATION TREATY

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## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

|  |   |  |
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| Applicant's or agent's file reference<br><b>E033.GB#</b> | <b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below. |  |
| International application No.<br><b>PCT/GB 03/04577</b>  | International filing date (day/month/year)<br><b>23/10/2003</b>   | (Earliest) Priority Date (day/month/year)<br><b>23/10/2002</b> |
| Applicant<br><b>GOLDPOWER LIMITED</b>                    |   |  |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



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the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

## 4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

## 5. With regard to the abstract,



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the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. The figure of the drawings to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

13



None of the figures.

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB 03/04577

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L31/00 H04N3/00 H01L21/00 H04N3/15

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| A          | EP 1 176 814 A (CANON KK)<br>30 January 2002 (2002-01-30)<br>column 5, line 16 -column 25, line 31;<br>figures 1,6-8,11-14 | 1-32                  |
| A          | US 4 945 243 A (ARQUES MARC)<br>31 July 1990 (1990-07-31)<br>the whole document  | 1-32                  |
| A          | US 4 369 458 A (SOPIRA MICHAEL M ET AL)<br>18 January 1983 (1983-01-18)<br>the whole document                              | 1-32                  |
| A          | EP 1 001 469 A (SIMAGE OY)<br>17 May 2000 (2000-05-17)<br>column 6, line 36 -column 11, line 31;<br>figures 1A-3L          | 1-32                  |

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*A\* document member of the same patent family

Date of the actual completion of the international search

29 April 2004

Date of mailing of the international search report

10/05/2004

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| EP 1176814                                | A | 30-01-2002          | JP 2002040144 A            | 06-02-2002          |
|   |   |                     | EP 1176814 A2              | 30-01-2002          |
|   |   |                     | US 2002024016 A1           | 28-02-2002          |
| US 4945243                                | A | 31-07-1990          | FR 2627923 A1              | 01-09-1989          |
|   |   |                     | EP 0332486 A1              | 13-09-1989          |
| US 4369458                                | A | 18-01-1983          | US 4416054 A               | 22-11-1983          |
| EP 1001469                                | A | 17-05-2000          | GB 2307785 A               | 04-06-1997          |
|   |   |                     | EP 1001469 A2              | 17-05-2000          |
|   |   |                     | AT 198679 T                | 15-01-2001          |
|   |   |                     | AU 713954 B2               | 16-12-1999          |
|   |   |                     | AU 1096797 A               | 19-06-1997          |
|   |   |                     | CA 2238827 A1              | 05-06-1997          |
|   |   |                     | CN 1203695 A , B           | 30-12-1998          |
|   |   |                     | DE 69611540 D1             | 15-02-2001          |
|   |   |                     | DE 69611540 T2             | 26-04-2001          |
|   |   |                     | DK 864171 T3               | 29-01-2001          |
|   |   |                     | WO 9720342 A1              | 05-06-1997          |
|   |   |                     | EP 0864171 A1              | 16-09-1998          |
|   |   |                     | ES 2154850 T3              | 16-04-2001          |
|   |   |                     | GR 3035628 T3              | 29-06-2001          |
|   |   |                     | HK 1004243 A1              | 28-04-2000          |
|   |   |                     | HK 1010282 A1              | 31-08-2001          |
|   |   |                     | IL 124656 A                | 31-10-2001          |
|   |   |                     | JP 2000516392 T            | 05-12-2000          |
|   |   |                     | JP 2003229555 A            | 15-08-2003          |
|   |   |                     | NO 982444 A                | 29-07-1998          |
|   |   |                     | PT 864171 T                | 31-05-2001          |
|   |   |                     | US 6215123 B1              | 10-04-2001          |
|   |   |                     | US 6046068 A               | 04-04-2000          |

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Int'l Application No

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|   |   |                     | HK 1010282 A1              | 31-08-2001          |
|   |   |                     | IL 124656 A                | 31-10-2001          |
|   |   |                     | JP 2000516392 T            | 05-12-2000          |
|   |   |                     | JP 2003229555 A            | 15-08-2003          |
|   |   |                     | NO 982444 A                | 29-07-1998          |
|   |   |                     | PT 864171 T                | 31-05-2001          |
|   |   |                     | US 6215123 B1              | 10-04-2001          |
|   |   |                     | US 6046068 A               | 04-04-2000          |